

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

### Complete if Known

|                        |                  |
|------------------------|------------------|
| Application Number     | 10/050,647       |
| Filing Date            | January 16, 2002 |
| First Named Inventor   | David M. Dean    |
| Group Art Unit         | 2874             |
| Examiner Name          | UNKNOWN          |
| Attorney Docket Number | AD6786 US NA1    |

### U.S. PATENT DOCUMENTS

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Document Number                                |  | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|------------------------|--------------------------|--|--|--------------------------------|--|---|
|                        |                          | Number - Kind Code <sup>2</sup> (if known)     |  |                                |  |   |
| SP                     |                          | US - 5,442,021<br>(equivalent of<br>EP0612772) |  | 8/15/1995                      | Ludger Heiliger                                    |   |
|                        |                          | US -   |  |                                |  |   |
|                        |                          | US -   |  |                                |  |   |
|                        |                          | US -   |  |                                |  |   |
|                        |                          | US -   |  |                                |  |   |
|                        |                          | US -   |  |                                |  |   |
|                        |                          | US -   |  |                                |  |   |
|                        |                          | US -   |  |                                |  |   |
|                        |                          | US -   |  |                                |  |   |
|                        |                          | US -   |  |                                |  |   |
|                        |                          | US -   |  |                                |  |   |
|                        |                          | US -   |  |                                |  |   |
|                        |                          | US -   |  |                                |  |   |
|                        |                          | US -   |  |                                |  |   |
|                        |                          | US -   |  |                                |  |   |
|                        |                          | US -   |  |                                |  |   |
|                        |                          | US -   |  |                                |  |   |
|                        |                          | US -   |  |                                |  |   |

### FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Foreign Patent Document  |                     |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear | T <sub>6</sub>           |
|------------------------|--------------------------|--------------------------|---------------------|--------------------------------------|--------------------------------|--|---|--------------------------|
|                        |                          | CountryCode <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup> (if<br>known) |                                |  |   |                          |
| SP                     |                          | JP                       | 0612280<br>3        |                                      | 5/6/1994                       | Mitsubishi Rayon Co. Ltd.                          |   | <input type="checkbox"/> |
| SP                     |                          | EP                       | 0612772             | A1                                   | 8/31/1994                      | Bayer AG   |   | <input type="checkbox"/> |
| SP                     |                          | EP                       | 0404941             | A1                                   | 1/2/1991                       | Univ Tomsy   |   | <input type="checkbox"/> |
|                        |                          |                          |                     |                                      |                                |  |   | <input type="checkbox"/> |
|                        |                          |                          |                     |                                      |                                |  |   | <input type="checkbox"/> |
|                        |                          |                          |                     |                                      |                                |  |   | <input type="checkbox"/> |
|                        |                          |                          |                     |                                      |                                |  |   | <input type="checkbox"/> |
|                        |                          |                          |                     |                                      |                                |  |   | <input type="checkbox"/> |
|                        |                          |                          |                     |                                      |                                |  |   | <input type="checkbox"/> |
|                        |                          |                          |                     |                                      |                                |  |   | <input type="checkbox"/> |

Examiner  
Signature

Sony Park

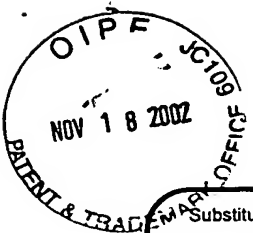
Date  
Considered

2/11/03

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the tow-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols asindicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



+

PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

of

2

## Compleat if Known

|                        |                  |
|------------------------|------------------|
| Application Number     | 10/050,647       |
| Filing Date            | January 16, 2002 |
| First Named Inventor   | David M. Dean    |
| Group Art Unit         | 2874             |
| Examiner Name          | UNKNOWN          |
| Attorney Docket Number | AD6786 US NA1    |

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of<br>the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue<br>number(s), publisher, city and/or country where published. | T <sup>2</sup>           |
|------------------------|--------------------------|---|--------------------------|
| SP                     |                          | NAOKI YOSHIOKA, et al., Complexation of Gadolinium Ion with Poly(methacrylic acid)s and Magnetic Properties<br>of the Complexes, Inorganica Chimica Acta., 1987, 135-138, 128   | <input type="checkbox"/> |
| SP                     |                          | ISAO NAGATA, et al., Investigation on Ion Binding in Synthetic Polyelectrolyte Solutions Using Rare Earth Metal<br>Fluorescence Probes, Macromolecules, 1983, 749-753, 16   | <input type="checkbox"/> |
| SP                     |                          | Partial International Search report for International Application No. PCT/US02/04542  | <input type="checkbox"/> |
|                        |                          |   | <input type="checkbox"/> |
|                        |                          |   | <input type="checkbox"/> |
|                        |                          |   | <input type="checkbox"/> |
|                        |                          |   | <input type="checkbox"/> |
|                        |                          |   | <input type="checkbox"/> |
|                        |                          |   | <input type="checkbox"/> |
|                        |                          |   | <input type="checkbox"/> |
|                        |                          |   | <input type="checkbox"/> |

Examiner  
Signature

Sung Pak

Date  
Considered

7/14/03

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+